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DIGITAL SUBSCRIBER LINE (DSL) BASED HOME GATEWAY**ABSTRACT OF THE DISCLOSURE**

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A digital subscriber line based home gateway is disclosed. According to one embodiment of the present invention, a DSL modem, an analog modem, a wireless interface, and a home phone network are integrated to interface into a screen-phone for the broadband communication service to home users. Multiple users are able to access the Internet and the content services for conducting e-commerce, receiving content news, entertaining on-demand, making audio or video communications, and telecommuting or working at home. This screen-phone based DSL home gateway allows in-home communications for the purpose of resource sharing among home computing devices via the existing but not limited to phone wire, wireless or cable.

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